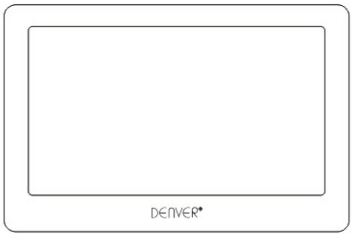
DENVER

MP5 Player



DENVER

User's Manual

MPM-4024

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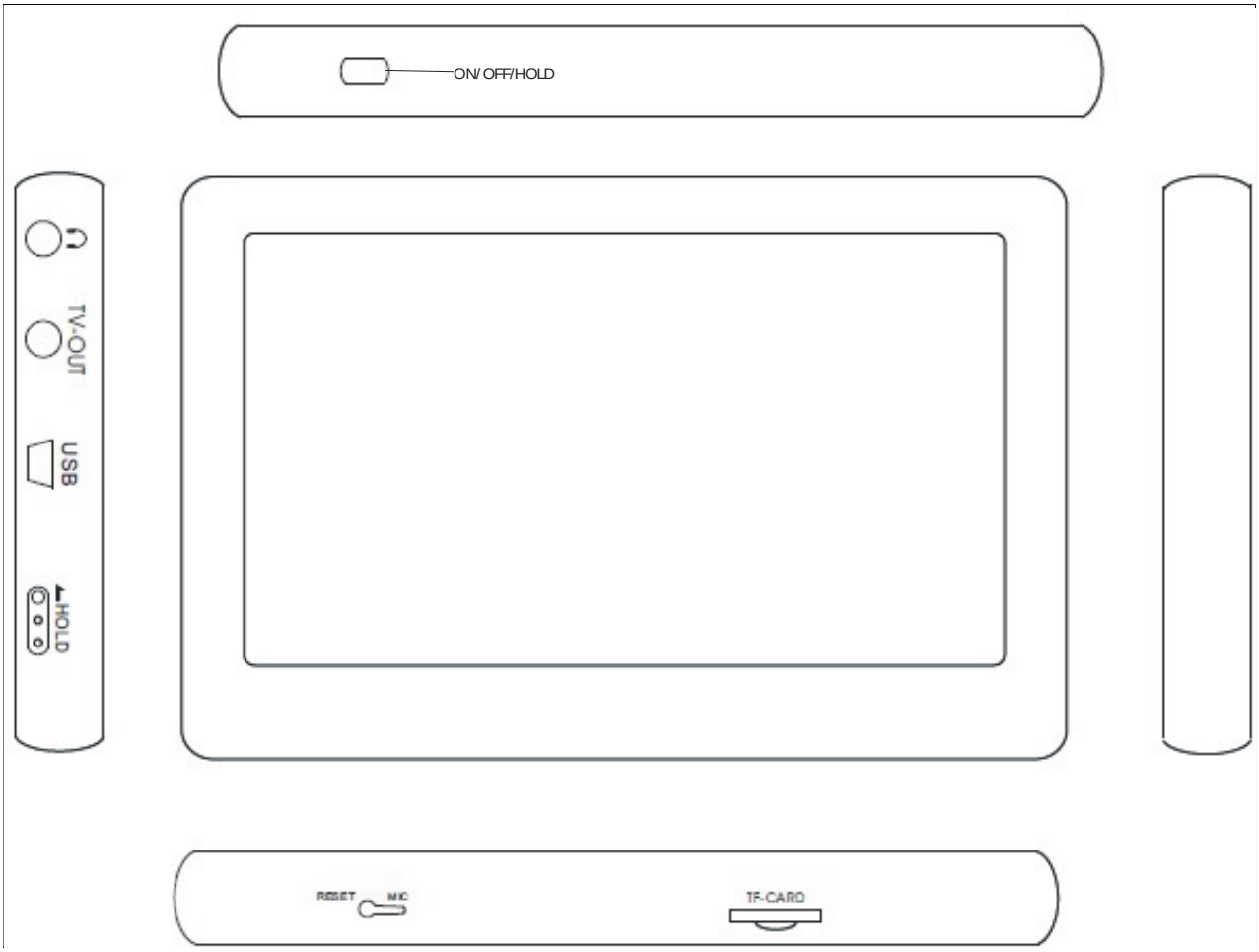
www.denver-electronics.com

Main function

- 4.3” TFT Screen, Resolution 480*272
- Support APE, FLAC, MP3, WMA, OGG, WAV etc. music play.
- Support TF card, capacity support 128MB~8GB
- Support MPEG-4（AVI）, RM, RMVB, FLV, 3GP, MPG, VOB, MP4, WMV, MOV etc. video format play, support for H.264 encoding; support high-definition TV-OUT, support for 720P(Ypbpr) output.
- Support photo view of JPEG, BMP, GIF format, picture auto view, rotate, photo can be set as background
- Full touch screen, with UI design, support slide operation.
- Support calendar with notebook function
- Inside MIC，long time recording
- Energy-saving, support multi-language
- More selection of sound track and cycle
- Support FM radio
- Support WIN2000,WIN XP
- High-speed USB2.0 transmission
- Support E-book reading
- Support firmware upgrade
- Support multitask function, can read E-book while listening music

Know the player and touch function



In the main menu, you can touch to select the function, and enter the submenu.

Power on / Power off

Power on:
Long press power switch key for around 5 seconds, then enter to the main menu.
Under working status, short press power switch key to lock the screen, press again to unlock.

Power off:
Under any interface, press power switch key for around 5 seconds to power off.

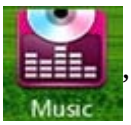
Hold key: Push to lock or unlock the key.

Main menu

Under main menu, click icon on the top of screen can extend or draw back the status bar.

Long press desktop control icon for about 2 seconds, you can drag the icon when the color become light.

Music play

Under main interface, select 

, click to enter. Then, select all music, click to enter music file list, select the music you want to play, as follow:

click to check all music file, click to rang the songs as per artist. click to rang songs as per special, click to rang songs as per genre, click to check favorite, click to upgrade the medium.

Operation function :

Under music playing interface, drag to fast backward or fast forward, click to previous and next track. click to play/ pause.

Click return to last menu. Drag on to change volume.

When playing music, drag down the upper black status bar, it can enter the submenu to set repeat mode, play mode, EQ mode etc. Click directly to return to the main interface.

Setting menu

1. Repeat model

Under playing interface, click to change different play mode, there are All repeat, All, Repeat, Once, intro for selection.

2.Lyric

When play the songs with lyric, click the icon on the left of screen to display the lyric or hide.

3. EQ setup

Under playing interface, click

to switch different EQ mode. There are Normal,MSEQ,Rock,Pop,classic,Bass,Jazz, User EQ for selection.

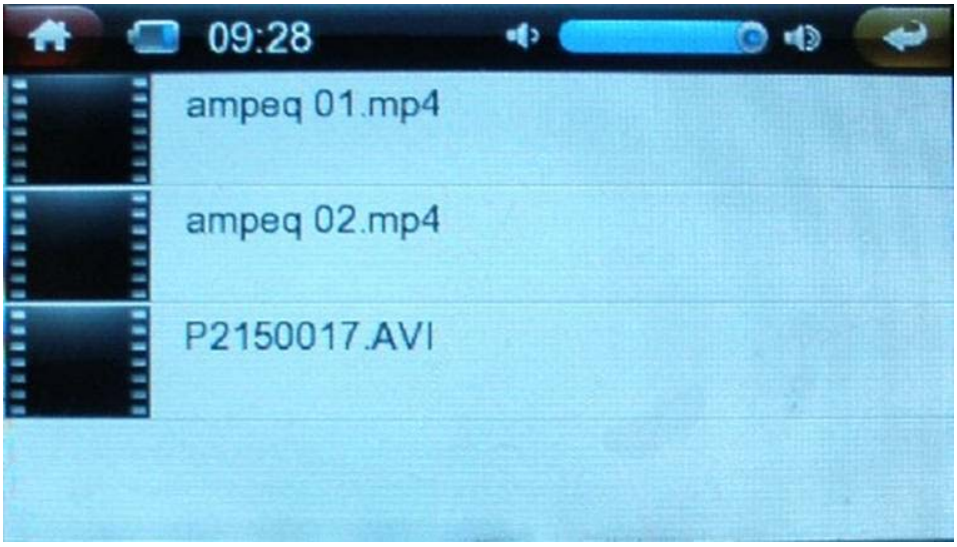
Note：1.【Only a little MP3/WMA file with very special code maybe can't be played, please transfer it through exchange tool then copy it to player and play.】

2.【APE only support：NORMAL of 3.95、3.97、3.98、3.99 version and FAST compress version！】

Video play

Under main interface, click

to enter the play list, select the file you want to play:



Key function:

Click to previous and next track, click to play/ pause. Click return to last menu. When playing video, you can click to adjust volume. Click direct return to the main interface.

1. Fast forward or Fast backward

Drag to adjust the playing speed.

2. Captions of movie display

If the video file with captions, click to select if display or not.

3. Sound track

Click to select Sound track.

4. Switch between the player and TV

Click to switch between the player screen and TV screen (Will be black sreen after connect the TV if by improperly way, click screen will resume the display)

5. Screen ratio

Click to select the screen ratio, different video have different selection, click to return to last menu.

6. **Support format：**

MPEG-4（AVI）、RM、RMVB、FLV、3GP、MPG、VOB、MP4、WMV、MOV etc. video format.

AVI format video support resolution within 640×480 with CODEC Coder Decode: XviD
AVI format video support resolution within 1280×720 with CODEC Coder Decode: DivX
RMVB format video support resolution within 1280×720 with CODEC Coder Decode: RV40
FLV format video support resolution within 720×405 with CODEC Coder Decode: H.263
DAT format video support resolution within 352×240 with CODEC Coder Decode: MPEG1
MPG format video support resolution within 528×288 with CODEC Coder Decode: MPEG1
VOB format video support resolution within 720×480 with CODEC Coder Decode: MPEG2
MPG format video support resolution within 720×480 with CODEC Coder Decode: MPEG2
MP4 format video support resolution within 720×480 with CODEC Coder Decode: H.264
MKV format video support resolution within 1024×576 with CODEC Coder Decode: H.264
AVI format video support resolution within 960×528 with CODEC Coder Decode: H.264
MOV format video support resolution within 720×576 with CODEC Coder Decode: H.264
MOV format video support resolution within 352×288 with CODEC Coder Decode: H.264

Note: Above supported range only for reference due video format have to take code rate, coder decode, resolution into consideration. When can't play the file fluently or indicate format error, please use the convert tool to convert.

Photo view

Under main interface, click

to enter photo list. Slide up and down to select the photo, then click to enter full screen view.

Zoom in / Zoom out

Click to zoom in / zoom out

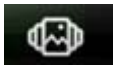
Photo rotate

Click to rotate by clockwise or counter-clockwise

Set photo as background

Click to set the current photo as the desktop background

Auto view

Click  to enter photo auto view mode, click

to select the interval time.

Note:

1. Maybe some JPEG photo files that used for IPOD computer can't be viewed on this player. Please use the Windows assortive Draw etc. tool to convert, then copy on the player to view.
2. The photos with larger pixel will show slowly. Also will be a little slow to view the photos when playing the music or appear music card or photo card between times
3. JPEG pixel max support among 6000*6000; GIF max support among 900*900.

Click to exit to last menu,click direct exit to the main interface.

FM Radio

Under main menu, click

to enter FM .

Adjust frequency

Click to adjust the frequency

Volume adjust

Drag to adjust the volume

FM Record

Click to record the current channel

Enter to the submenu

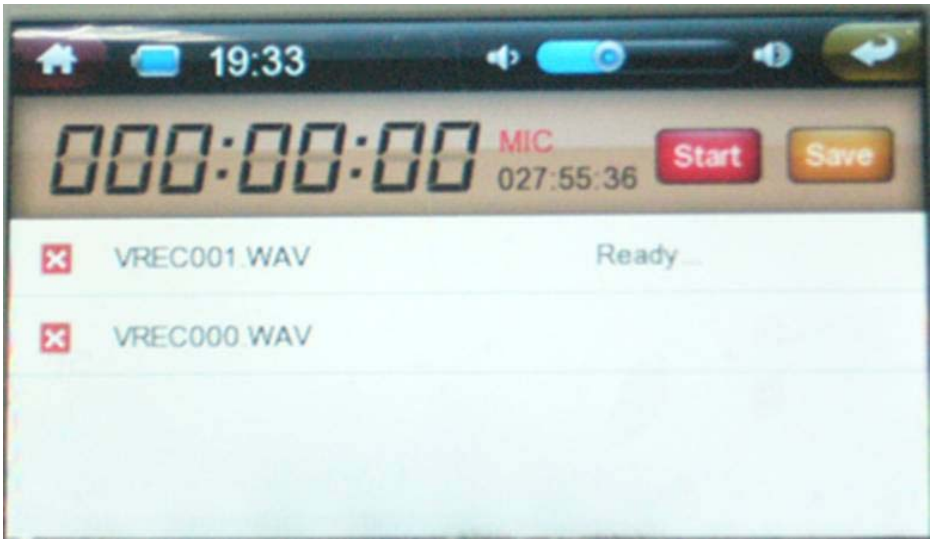
Clik and hold the status bar,drag from up to down to enter function setting, there are **search by ha nd ,auto search,save channel,Extract channel,receive area,stereo switch function** for selction.

Exit

Click to return to last menu, click direct return to the main interface.

Record

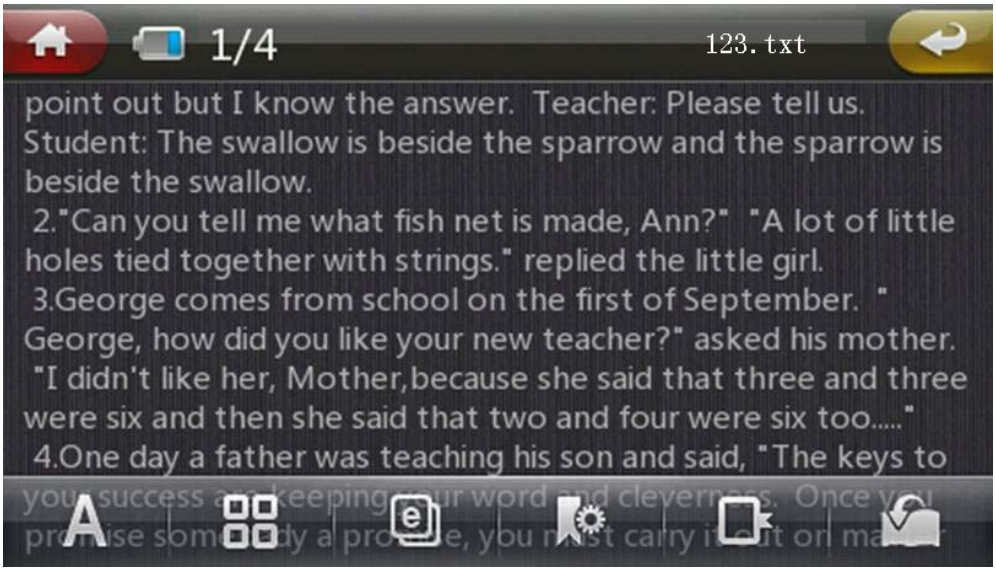
Under main interface, click to enter record interface.



Under record interface, click to start record, click to pause, click to save the record file. Click retuen to last menu. Click direct return to the main interface.

E-book

Under main interface, click to enter e-book play list. Slide the screen up and down to select the file, or direct click the file to read. Under reading status, touch the screen for 2 seconds to enter submenu. Click return to last menu.


1/4
123.txt
point out but I know the answer. Teacher: Please tell us.
Student: The swallow is beside the sparrow and the sparrow is beside the swallow.
2."Can you tell me what fish net is made, Ann?" "A lot of little holes tied together with strings." replied the little girl.
3.George comes from school on the first of September. "George, how did you like your new teacher?" asked his mother.
"I didn't like her, Mother,because she said that three and three were six and then she said that two and four were six too....."
4.One day a father was teaching his son and said, "The keys to

Page Jump

Slide left and right can flip pages by order or reverse order.

Save mark

Click to save mark.

Load mark

Click to load mark, slide up and down to select mark,click **X** red icon can delete the current mark.

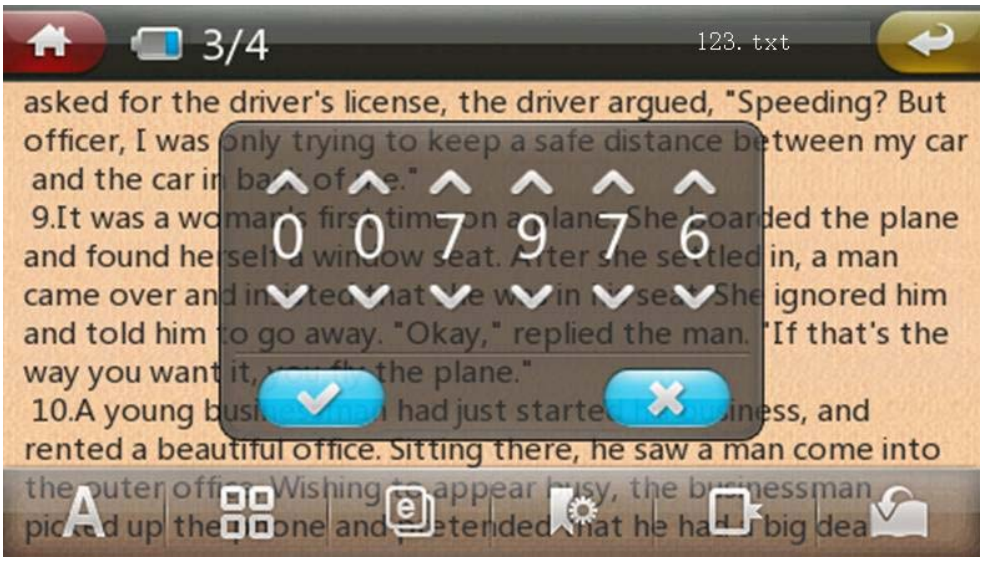
Font size

Click to select font size, click by circle can change different size .

Background color

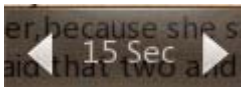
Click to select different background color, click by circle can change different background color.

Manual set flip page


3/4
123. txt
asked for the driver's license, the driver argued, "Speeding? But officer, I was only trying to keep a safe distance between my car and the car in back of me."
0 0 7 9 7 6
9.It was a woman's first time on a plane. She boarded the plane and found herself a window seat. After she settled in, a man came over and insisted that he was in her seat. She ignored him and told him to go away. "Okay," replied the man. "If that's the way you want it, you fly the plane."
10.A young businessman had just started his business, and rented a beautiful office. Sitting there, he saw a man come into the outer office. Wishing to appear busy, the businessman picked up the phone and pretended that he had a big deal

Click to select the page you want to read, click to confirm.

Auto jump page

Click to select auto jump page, click 

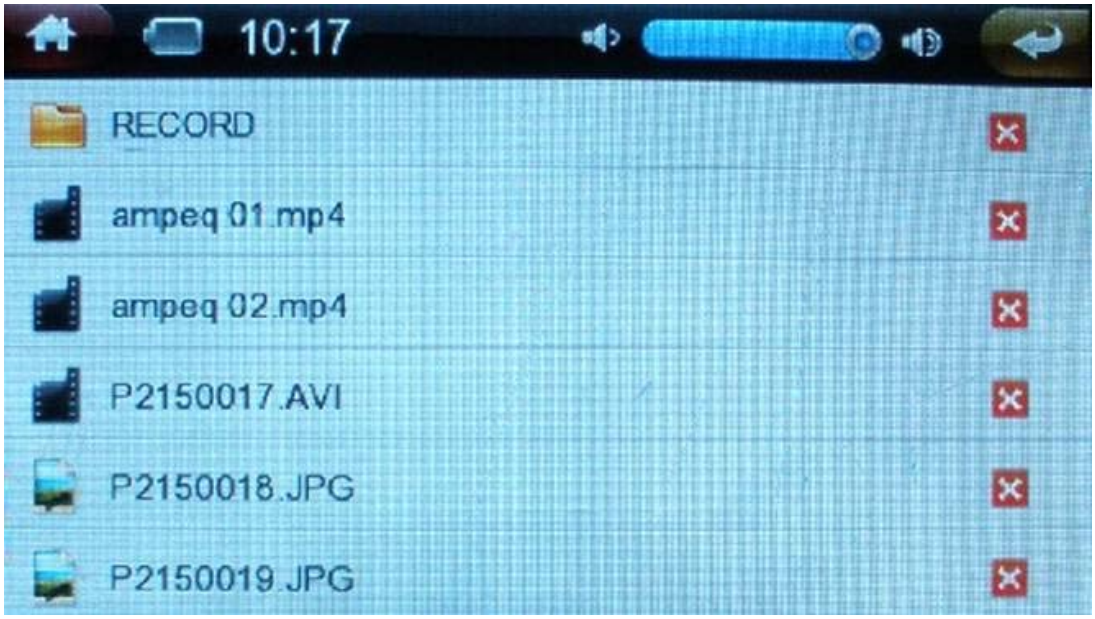
to select the interval time.

Click return to last menu, click direct return to the main interface.

Explorer

Under main interface, click

to enter explorer list, under Explorer , when insert TF card, there are **Flash ,TF card** for selection.



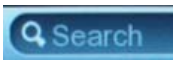
Select file

Slide the screen up and down to select the file, then click to enter.

Delete file

Click **X** red icon to delete the current file.

Search

Click 

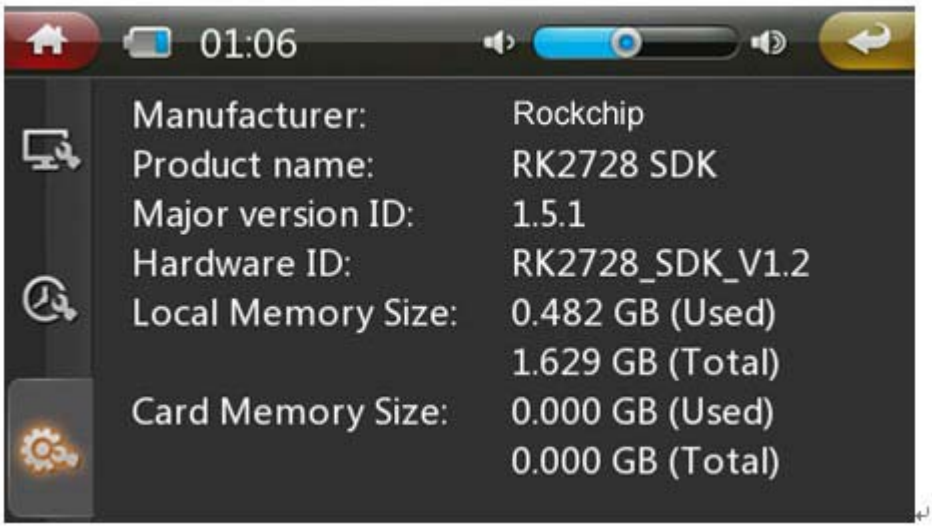
to input the file name.

Click return to last menu, click direct return to last menu.

Settings

Under main menu, click

to enter, click to set, click to exit to the main interface.



Brightness

There are five grade for selection.

Language
There are **English, Swedish,Denish,German** for selection.

TV mode

There are 5 TV input mode for selection : CVBS PAL, CVBS NTSC, YprPb480 ,YprPb 576 ,YprPb 720.

TV screen size
There are three size for selection: Small, Middle, Big

System time
Can set time and date.

Light time
You can select the light time you want to set or select it Always on

Autoshut time
There are: 3 minutes,5 minutes,10 minutes,15 minuts,20 minuts,no automatic shutdown for selection.

Sleep shut time
There are 3 minutes,5 minutes,10 minutes,15 minuts,20 minuts,no automatic shutdown for selection.

Restorable
You can select if want to make the player restore to the original setting.

System information
Can check local memory size or Card memory size etc. information.

Touch Calibration
Click five **"+"** to finish the touch calibration and exit only calibrate ok.

Click return to last menu. Click direct return to the main menu.

Calendar

Click

to enter ,click to select date, click blank place on the left can write memo.

Click delete the current content.

Click return to lat menu, click direct to return to the main interface.

Calculator

Click to enter:

Click return to last menu, click direct return to the main menu.

Video output

If you select one of TV mode among : YprPb480 , YprPb 576, YprPb 720 ,please connect the TV as per below method:

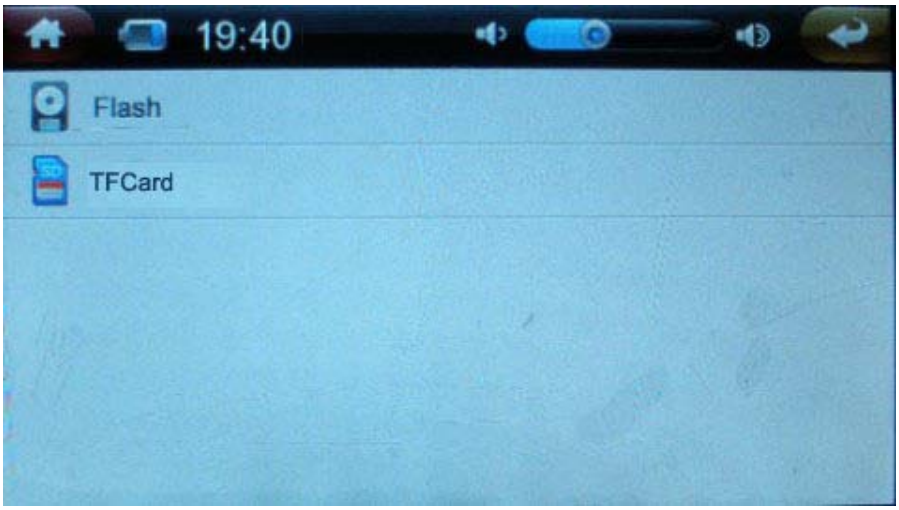
Open the video file, under status bars, click switch to TV screen display. Connect the audio

cable with two pins from on unit to TV audio input port, then connect the video cable with three pins from TV-OUT on unit to TV Ypbpr input port(connect as per the corresponding color), select the TV mode as Ypbpr, then you can watch the video with high definition.

If select the TV mode between CVBS PAL ,CVBS NTSC, please connect to TV as per below method:

Open the video file, under status bars, click TV switch to TV screen display, connect the audio cable with two pins from port to the audio input port on TV, then connect the Green signal cable of cables with three pins from TV-OUT port to TV video input port, select the TV input mode as video output, then you can watch the video files in player.

Use TF card



Insert TF card

Insert TF card to the player, when pop up, press again, it will exit.

Read files in TF card

Under insert TF card, select **Explorer** under main menu to enter and select **TF card**, click to enter to read files.

Note: When reading TF card, please don’t pull out or insert optionally. Take out the card after the

operation confirmed.

USB display mode

This product is blessed with high-speed USB2.0 interface, the standard mobile disk functions. Can support Windows2000/XP system, (no need install the driver). After connect to PC (wait several seconds), the player will show online mode. Then you can read the mobile disk by click **“My computer**” on the computer.

Charge

You can charge the player via connecting unit to the PC by USB cable.
During the charging, the battery icon show impulse. After finished, the battery show fully, but you still need charge more one hour. The battery can’t be charged fully until continuously charge for 5 hours.

Troubleshooting

The player can’t power on
Check if the battery have enough power
Check if cause the unit to be dead due incorrect operation, please press reset key by tool to restart.

No sound
Make sure volume is not on 0 position and the connection to earphone is correct.

Noise
Please check if the earphone head is clean.
Please check if the music file is destroyed, try to play other music to confirm. Damaged MP3 files may have noise and even cannot be played

S**trange characters on display**
Make sure you have chose correct language.

Cannot Download Music
Make sure the player is properly connected to the PC
Check if there is still blank memory
Check if the USB cable in good condition

Can’t play video, music, pictures
Please check if the format is correct.

Touch function is not sensitive

Please calibrate the screen.

Technical specification

Display screen	4.3 in TFT, resolution: 480*272	
Connect to PC	High speed USB 2.0	
Memory	128MB—8GB	
Power supply Playback time	Lithium battery 1200mA	
	About 3~4hours for video play (earphone output)	
	About 20 hours for audio play (blank screen, saving electricity and earphone output)	
Voice recorder	Sample rate	8KHZ/16KHZ
	MIC recording format	WAV(32K bps/64Kbps)
	Record time	Max 64 hours (1GB capacity)
Audio play	Max. output	(L)10mw+(R)10mw(32ohm)
	MP3 bit rate	64Kbps ~ 320Kbps
	WMA bit rate	64k bps ~320k bps
	Frequency response	20Hz ~ 20KHz
	SNR	> 90DB
	Distortion rate	0.03%
Operate temperature	-5 to 40 degree	
Language	English,Swedish,Danish,German	
Supported system	Windows 2000/XP	

Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen below. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the approriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

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